

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference FP19926	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/AU2004/000822	International filing date (<i>day/month/year</i>) 23 June 2004	(Earliest) Priority Date (<i>day/month/year</i>) 26 June 2003
Applicant POWERGEN INTERNATIONAL PTY LTD et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II).

3. ☐ Unity of invention is lacking (See Box No. III).

4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the abstract,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 1



as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.



as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000822

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: C01B 3/24, C10L 3/00, F02M 21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC REFER ELECTRONIC DATA BASE CONSULTED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
DWPI IPC C01B 3/24, C10L 3/00, F02M 21/00 & Key words (hydrogen, diesel, compress)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	US 2004/0020188 A1 (Kramer et al) 5 February 2004 whole document	1-33
X	WO 1992/07922 A1 (GUNNERMAN) 14 May 1992 whole document	1-6, 9-33
X	EP 1267432 A2 (Chart Inc) 18 December 2002 whole document	1-6, 9-33
X	EP 1354852 A2 (EBERSPACHER GmbH & Co.KG) 9 January 2003 Whole document	1-6, 9-33



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"E" earlier application or patent but published on or after the international filing date

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"O" document referring to an oral disclosure, use, exhibition or other means

"&"

document member of the same patent family

"P" document published prior to the international filing date but later than the priority date claimed

Date of the actual completion of the international search
18 August 2004Date of mailing of the international search report
26 AUG 2004

Name and mailing address of the ISA/AU

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000822

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Derwent Abstract Accession No. 95-282057/37, Class H06, RU 2028369-C1, (AZATYAN VV) 9 February 1995	1-6, 9-33
A	US 6572837 B1 (Holland et al) 3 June 2003	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000822

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
US	2004020188	US	2004020191
WO	9207922	WO	2004013041
		WO	2004013470
		AU	63375/94
		AU	67302/90
		BR	9007865
		CA	2029654
		CN	1061463
		CN	1098765
		CZ	9005490
		EG	19428
		EP	0431357
		FI	922307
		IE	911726
		MA	22158
		NO	922007
		NZ	250641
		PL	287705
		PT	97742
		SG	43320
		SK	549090
		US	5156114
		WO	9107579
		ZA	9008921
		ZA	9103901
EP	1354852	DE	10217675
EP	1267432	US	2003196381
US	6572837	JP	2003118548
		US	2003021743
		US	2003204993
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.			
END OF ANNEX			